

ABSTRACT OF THE DISCLOSURE

A press pad for use in hot laminating presses includes a woven fabric of warp threads and weft threads. At least some of the threads include at least one elastomer selected from among 5 fluoroelastomers, fluorosilicone elastomers, blend elastomers prepared by copolymerizing a mixture of raw crude silicone and fluorosilicone rubbers, and blend elastomers prepared by copolymerizing a mixture of raw crude silicone and fluorinated rubbers. The overall woven fabric contains a substantial proportion, such as at least 10% or more, of the selected elastomer. The selected elastomer is preferably applied as a coating or sheath over a multi-strand core of copper, brass, high-grade alloy steel or stainless steel strands to form the weft threads. The press pad has good elastomeric resilience, excellent temperature resistance for constant duty use above 250°C, and excellent 10 15 chemical resistance.

USPS EXPRESS MAIL  
EL 759 601 168 US  
MARCH 16 2001